

***“We have the largest rooftop solar system in the nation!”***

See Case Study  
on Back of Flyer

**LOW  
INTEREST  
RATE  
LOANS**  
*AVAILABLE  
NOW!*

*“With the Energy Commission’s Energy Efficiency Financing Program we installed our 1.18 MW solar project at Santa Rita Jail. As a result we are now saving \$437,300 annually. The loan application was simple and straightforward.”*

**Matt Muniz, P.E.**  
Energy Program Manager  
Alameda County



California Energy Commission

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June 2006

**Public Programs Office**  
(916) 654-4147  
[pubprog@energy.state.ca.us](mailto:pubprog@energy.state.ca.us)

***Apply Today!***

## Need Project Funding?

You already know that energy costs are up and budgets are tight. But do you know you can reduce the impact of these increasing costs NOW by installing energy-saving lights, heating and cooling systems, and more? Look at the benefits of our Energy Efficiency Loan Program:

- ▼ 100% funding for most projects
- ▼ Repay the loan with your energy savings
- ▼ Up to \$1 million per application
- ▼ It's fast and easy to get your loan
- ▼ Loan approval in four weeks or less
- ▼ Energy savings stretch your dollars, leaving more for your organization
- ▼ Help with identifying potential energy-saving projects for your facility

**Funding is limited.**

### California Energy Commission

1516 9th Street  
Sacramento, CA 95814-5512

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Application forms and  
additional information available at:  
<http://www.energy.ca.gov/efficiency/financing>  
CEC-400-2005-028-FS

# CASE STUDY

## COUNTY OF ALAMEDA

Alameda County is a leader in employing energy efficiency and renewable energy in their facilities. Through the Commission's Energy Partnership Program, the county received audits identifying energy saving projects. These audits formed the foundation for many successful energy efficiency projects at their facilities.

During the 2001 electricity shortage, the county installed several energy efficiency projects at the Santa Rita Jail in Dublin. Using a combination of Energy Commission grants and loans, utility rebates, and internal funds, the county installed a 1.18 MW photovoltaic system, a high efficiency chiller, a cool roof and energy management systems (EMS).

In 2004 the county applied for 2 more loans because the process with the Energy Commission was so convenient and rewarding. One loan was for photovoltaic installations totaling 1.1 MW at six different county buildings. The other loan was for a 750 kW fuel cell co-generation plant at the Santa Rita Jail.

Once all the projects are implemented, the county will save over \$700,000 annually in reduced energy cost. These projects will help the county control its energy use and cost—despite electricity cost increases.

	<b>Commission Loan</b>	<b>Annual Energy Savings</b>	<b>Annual Energy Cost Savings</b>
<b>Santa Rita Jail</b> (PVs, Chiller, EMS, Fuel Cells)	\$4,214,848	7.6 MWh	\$437,300
<b>6 County Buildings</b>	\$2,650,000	1.6 MWh	\$276,600
<b>TOTALS</b>	<b>\$6,864,848</b>	<b>9.2 MWh</b>	<b>\$713,900</b>

**Average Simple Payback:** 9.6 years

**DON'T MISS THIS OPPORTUNITY**

***Apply Today!***